Abstract

Cloud Computing is very fruitful area for today's business. It provide lot of advantages like reduction of hardware and software cost for organization. Organization not has to invest a lot of money for their infrastructure and they gain full benefit of their investment. Number of cloud provider also increasing some of which have their own data center and some also have virtual data centre to provide services over the internet. Cloud is a model where customer expects more services or services without interruption for their money and cloud provider expect more ROI (Return on investment). These thing depend enough on effective scheduling Cloud provider have many VM at their data centre so they must have a proper load balancing to utilize their all VM. At present time environment is becoming serious issue and in near future problem is increasing more and more. So scheduling algorithm must consider the issue of minimization of carbon emission. In our work we propose an algorithm which will address environment and load balancing issue for public cloud.

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Index Terms

Computer Science

Distributed System
Keywords
Carbon emission  Cloud Manager  Profit Maximization  Public cloud  Virtual Data Centre